

...with people in mind

MODUTEC

ICU early activity and mobility programmes deliver clinical and cost improvements¹



IMMOBILITY IN ICU CAN LEAD TO SIGNIFICANT MUSCLE LOSS, WEAKNESS, AND REDUCED FUNCTIONAL OUTCOMES²



Truong AD, Fan E, Brower RG, Needham DM. Mobilizing patients in the intensive care unit from pathophysiology to clinical trials. Crit Care. 2009;13:216.

ICU patients have no desire to be confined to their beds. Instead they prefer to be awake, alert and moving. They want to be engaged participants in their own recovery³.

This is good news, as lengthy immobility often leads to poor functional and clinical outcomes for ICU survivors⁴. This results in increased healthcare costs⁵.

Greater awareness of the short and long term physical and psychological consequences of prolonged immobility has resulted in early mobilisation being advocated for ICU patients, particularly for those on mechanical ventilation¹.

Early activity and mobility programmes have proven to be safe and feasible; demonstrating improved functional outcomes for patients and cost benefits to healthcare facilities⁶.

A trusted partner for innovative patient mobility and safe patient handling solutions

With early standing and weight bearing a desirable goal, mobilising critically ill patients in the complicated and often crowded ICU environment can be a challenge for caregivers.

Access to appropriate equipment to satisfy wide ranging patient mobility requirements is important to help achieve compliance with early mobilisation and safe patient handling practices.

With over 40 years' experience as a global leader in the development of innovative patient mobility and safe patient handling solutions, ArjoHuntleigh can bring a wealth of experience and an unrivalled product portfolio to support your ICU early mobility and rehabilitation programme.



From immobility to mobility



IN BED MOBILISATION



Regular patient repositioning at the touch of a button and progress to chair positioning can be achieved with the Enterprise™ 9000X bed or Citadel™ Patient Care System both designed for use with the higher acuity patient.

Advanced support surface features and versatile bed frame articulation provide a flexible environment to help support in bed rehabilitation and sitting on the edge of bed if the patient is able.

Patients initially unable to participate in active mobilisation

TRANSFER



The patient can be transferred to the Sara Combilizer™ using a lateral transfer device or ceiling lift.

SITTING



The Sara Combilizer enables patients to be placed into a variety of chair positioning options at the touch of a button to help facilitate care and rehabilitation activities.

In a sitting position, patients can be raised to facilitate good eye contact and personal interaction, an important factor in patient wellbeing.

Early Standing and Upright Positioning

When early weight bearing and upright positioning is desirable, but physical factors or mental status prevents active patient participation, the Sara Combilizer multifunctional aid can be utilised to help achieve out of bed rehabilitation goals early in the care pathway.

ArjoHuntleigh's ICU Mobility Solutions

We understand rehabilitation needs to be tailored to each patient and achieving activity, weight bearing and mobility early in the patient's ICU care pathway can prove challenging.

Whether your patient is temporarily confined to bed, needs to be acclimatised to standing or is ready for sitting or walking practice, ArjoHuntleigh's range of product solutions are designed to help achieve activity and mobility goals safely and with dignity.

OUT OF BED MOBILISATION

→ STANDING ← → WALKING



Progression to standing can be achieved gradually and securely.

Upright positioning helps improve respiratory and cardiovascular function⁷ while facilitating early weight bearing and activities of daily living.



The Sara Plus™ standing and raising aid will help activate your patient to move from sitting on the edge of the bed, to standing upright while providing an excellent level of upper body support.



When stepping or walking practice is required, the versatile *Sara Plus* can help your patient take their first steps toward leaving the ICU.

Acting as a combined tilt table, stretcher and multi-position chair, the *Sara Combilizer* helps facilitate early transfer from bed, into both sitting or an upright standing position.

Early evidence⁸ has demonstrated use of *Sara Combilizer* as part of an ICU rehabilitation programme resulted in reduced time to first out of bed mobilisation.

This earlier mobilisation was associated with a higher overall level of mobility within ICU and appeared to be associated with reductions in hospital length of stay.



Helping to meet Rehabilitation and Care Needs

Patient Positioning and Management

Electric hospital beds and specialist care systems meet a wide range of requirements for in bed mobilisation and management of critical care and high acuity patients.



Enterprise



Citadel Patient Care System



TriADyne Proventa



RotoProne

Pressure Ulcer Prevention and Microclimate Management

A range of Active and Reactive surfaces, some providing customisable offloading, help prevent and treat pressure ulcers for high risk patients. Skin IQ™ microclimate management cover can be used in conjunction with the ArjoHuntleigh powered and non-powered surface range.



Nimbus



Citadel C100 and C200



Therakair Visio



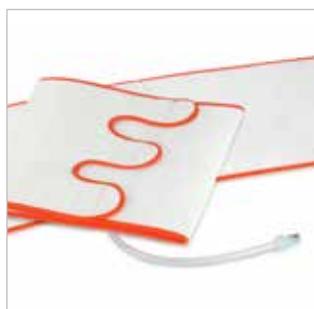
Skin IQ

Venous Thromboembolism (VTE) Prevention

Flowtron™ Active Compression Systems with auto garment recognition and battery back up, deliver Intermittent Pneumatic Compression via a wide choice of calf, calf and thigh or foot garments.



Flowtron ACS800



Uniform garments



TriPulse garments

Patient Transfer Solutions and Upright Positioning

ArjoHuntleigh provides an extensive choice of patient lifters, sling options and transfer aids to help facilitate a safe, comfortable and dignified transfer for a wide range of patients. Sara Combilizer™ Multi Functional Aid facilitates both upright and chair positioning for more dependent patients early in the mobilisation process.



Maxi Transfer Sheet



Maxi Sky 2 ceiling lift



Maxi Move floor lift



Sara Combilizer

Standing and Walking Assistance

Sara Plus™ Advanced Standing and Raising Aid activates mobility during transfers and provides balance, stepping and walking training. Sara Stedy™ Standing and Transfer Aid encourages more mobile patients to stand up independently.



Sara Plus



Sara Stedy

Hygiene

ArjoHuntleigh Shower Equipment is designed to help provide a comfortable and dignified showering experience for patients.



Carendo



Carino shower chairs



Carevo shower trolley

References:

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5. Hermans G et al. Acute outcomes and 1-year mortality of ICU-acquired weakness: A cohort study and propensity matched analysis. *American Journal of Respiratory and Critical Care Medicine*, 2014 - Epub ahead of print.
6. Needham DM, Korupolu R, Zanni JM, Pradhan P, Colantuoni E, Palmer JB, Brower RG, Fan E. Early physical medicine and rehabilitation for patients with acute respiratory failure: a quality improvement project. *Arch Phys Med Reha B Clerckx, C Robbeetsbil* 2010;91:536-542.
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8. McWilliams, D.J., Lea T.J. "Poster 0861 – Does the introduction of the Sara Combilizer® reduce the time taken to first mobilization in the intensive care?" <http://poster-consultation.esicm.org/ModuleConsultationPoster/posterDetail.aspx?intIdPoster=4363> The 26th Annual Congress of ESICM, Paris 2013

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GETINGE GROUP

Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of **ArjoHuntleigh**, **Getinge** and **Maquet**. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **Getinge** provides solutions for infection control within healthcare and contamination prevention within life sciences. **Maquet** specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.
